

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



PCT

(43) International Publication Date
11 August 2005 (11.08.2005)

(10) International Publication Number
WO 2005/072062 A3

(51) International Patent Classification:
C07F 5/02 (2006.01)

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:
PCT/IL2005/000118

(22) International Filing Date: 2 February 2005 (02.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
06/540,343 2 February 2004 (02.02.2004) US

(71) Applicant (for all designated States except US): BAR-ILAN UNIVERSITY [IL/IL]; Bar-Ilan University, 52900 Ramat-Gan (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): FISCHER, Bilha [IL/IL]; 5 Adulam Street, 73142 Shoham (IL). NAHUM, Victoria [IL/IL]; 8 Harashba Street, 75483 Rishon Lezion (IL).

(74) Agent: BEN-AMI, Paulina; Ben-Ami & Associates, P.O. BOX 94, 76100 Rehovot (IL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report: 15 June 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/072062 A3

(54) Title: INORGANIC BORANOPHOSPHATE SALTS

(57) Abstract: The invention provides novel inorganic boranophosphate salts that can be used as fertilizers, in detergent formulations, as additive in melts for the glass industry, in boron neutron-capture therapy of cancer, and as synthetic building blocks in the synthesis of borononucleotides of various lengths.